

ARS Funded Projects

ARS ID#	Agreement #	Lead Foreign Institute	Foreign PI	Other Foreign Institutes	Name(s) of ARS scientist(s)	ARS location	Title	Date proposal funded	Current status
Country: Russia									
74 (ARS# 77)	2538p	Federal Governmental Institution Federal Center for Animal Health	Drygin, Vladimir & Zakharov, V.		Rieder, Elizabeth	Foot and Mouth Disease Research, PIADC Orient Point, NY	Characterization of newly emerged foot-and-mouth disease viruses	9/1/2002	Completed
225 (ARS# 232)	3014p	Federal Governmental Institution Federal Center for Animal Health	Drygin, V.; Naroditsky, B.S.		Hunt, Henry	Avian Disease and Oncology Research East Lansing, MI	The development and study of recombinant adenovirus CELO caring Marek's disease virus genes as a possible gene engineering vaccine	3/1/2005	Completed
257 (ARS# 265)	3017	Federal Governmental Institution Federal Center for Animal Health	V. Irza, A. Gusev		Scott Branton; Spencer Leigh & Jeff Evans	Poultry Research Mississippi State, MS	Isolation and identification of Mycoplasmas, development of reliable antigen for Mycoplasmas detection and oil-based vaccines	4/1/2005	Completed
260 (ARS# 269)	3460	Federal Governmental Institution Federal Center for Animal Health	Marina Volkova		Darrell Kapczynski	Southeast Poultry Research Laboratory Athens, GA	Study on adjuvant properties of different substances forming inactivated vaccines against avian viral diseases	9/1/2006	Funded
262 (ARS# 271)	3005	Federal Governmental Institution Federal Center for Animal Health	S. Starov		Patti Miller	Southeast Poultry Research Laboratory Athens, GA	Detection and Characterization of Newly Emerged Newcastle Disease and Avian Influenza Viruses	6/1/2006	Funded
418 (ARS# 429)	3036	Russian Research Institute of Biological Plant Protection	Volkova, Galina Vladimirovna		Brown-Guedira, Gina & Kolmer, James	Plant Science and Entomology Research and Cereal Disease Lab Manhattan, KS and St. Paul, MN	Characterization of brown rust population genetics and host plant gene pool in the North-Caucasian region	10/1/2005	Completed

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421 (ARS# 432)	3034	Russian Research Institute of Biological Plant Protection	Vladimir Ilich Terekhov	All Russian Research Institute of Oil Crops	Thomas Gulya & Brent Hulke	Sunflower Research Fargo, ND	Sunflower phomopsis (Phomopsis (Diaporthe) Helianthi Munt.-Cvet. E.a.): Control of Epiphytiosis by Using the Products of Biogenic Origin	5/1/2005	Funded
424 (ARS# 435)	3035	Russian Research Institute of Biological Plant Protection	Vladimir Denisovich Strelkov		Stephen Duke, Franck Dayan & Scott Baerson	Natural Products Utilization Research University, MS	Development of techniques and products to reduce herbicide impacts on crops	5/1/2005	Funded
469	3289	All Russia Rice Research Institute	Mihajlovna, M. Z. & Mihajlovich, K. E.	All Russian Research Institute of Phytopathology	Dana Berner	Foreign Disease-Weed Science Research Unit Ft. Detrick, MD	Biodiversity study of the most agriculturally important weeds in the Krasnodar region of Russia & selection of fungi strains for classical and inundative biological control of these weeds	10/1/2005	Funded
492 (ARS# 507)	3714	Institute of Agricultural Biotechnology	Emil E. Khavkin	All Russian Research Institute of Phytopathology	Kenneth Deahl and Richard Jones	Vegetable Laboratory Beltsville, MD	DNA Markers of Potato Genes for Late Blight Resistance	6/1/2007	Funded
487	3455	Institute of Physico-Chemical Biology, Moscow State University	Yajov Efimovich Dunaevsky	All Russian Research Institute of Phytopathology	Brenda Oppert & Jeffrey Lord	ARS Grain Marketing and Production Research Center Manhattan, KS	Search for Molecular Markers of Phytopathogenesis and Study of the Role of Protein Protease Inhibitors in Pathogenesis	7/1/2006	Funded
86 (ARS# 89)	2089p	NARVAC Research & Development, Ivanovsky Virology Institute	Zabereshtny, Alexei		Borca, Manuel and Luis Rodriguez	Plum Island Animal Disease Center Orient Point, NY	Development of a new recombinant marked live vaccine against classical swine fever	7/1/2001	Completed

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87 (ARS# 90)	2095	NARVAC Research & Development, Ivanovsky Virology Institute	Dudnikova, Ekaterina		Witter, Dick and Fadly, Aly	Avian Disease and Oncology Lab East Lansing, MI	Epidemiology, pathogenicity of Marek's disease viruses and prospective candidate vaccines in Russia	4/1/2002	Completed
255 (ARS# 263)	2800p	NARVAC Research & Development, Ivanovsky Virology Institute	N. Vlasov & D. Lvov	All Russian Research Institute of Veterinary Virology and Microbiology Federal Governmental Institution Federal Center for Animal Health	David Suarez	Southeast Poultry Research Laboratory Athens, GA	Influenza A viruses of pigs and birds: interaction of the populations	10/1/2004	Funded
256 (ARS# 264)	2777p	NARVAC Research & Development, Ivanovsky Virology Institute	S. Kalnov	All Russian Research Institute of Veterinary Virology and Microbiology Federal Governmental Institution Federal Center for Animal Health	Donald Knowles and Katherine O'Rourke	Animal Disease Research Unit Pullman, WA	Development of Diagnostics Methods for Detection of TSEs	4/1/2004	Funded

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508 (ARS# 525)	3802	NARVAC Research & Development, Ivanovsky Virology Institute	Tatyana Grebennikova	Federal Governmental Institution Federal Center for Animal Health	Aly Fadly	Avian Disease and Oncology Lab East Lansing, MI	Study of Distribution of Neoplastic Diseases of Retroviral Etiology of Birds in Commercial in Poultry Farms of Russian Federation	1/1/2008	Funded
551	3940	NARVAC Research & Development, Ivanovsky Virology Institute	Alexei Zaberezhny	All Russian Research Institute of Veterinary Virology and Microbiology	Kelly Lager, Amy Vincent, M. Kehrli	National Animal Disease Center Ames, IA	Control of influenza A virus infection	5/1/2009	Funded
644 (ARS# 624)	58-0210-2-040F	Novosibirsk State University	Alexander Shestopalov	State Research Center for Virology and Biotechnology	Mary Pantin-Jackwood	Southeast Poultry Research Laboratory Athens, GA	Ecology of Influenza A and Newcastle Disease viruses in wild birds and poultry in Eastern Siberia and Pathogenic and characterization of Isolated Influenza Viruses in avian species including H5N1 Highly Pathogenic Viruses	6/15/2012	Funded
88 (ARS# 91)	1996p	All Russian Research Institute of Phytopathology	Dzhavakhiya, V. & Starodubtseva, A.		Masler, Edward	Nematology Laboratory Beltsville, MD	Discovery of active molecules from natural products for the control of plant parasitic nematodes	7/1/2001	Completed
96 (ARS# 100)	1995p	All Russian Research Institute of Phytopathology	Mozhaeva, K.		Domier, Leslie	Soybean/Maize Germplasm, Pathology, and Genetics Research Urbana, IL	Viral diseases in small grain crops (barley yellow dwarf virus)	3/1/2001	Completed

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124 (ARS# 128)	2336p	All Russian Research Institute of Phytopathology	Kolombet, L.V.	Russian Research Institute of Biological Plant Protection	Schisler, David	Crop Bioprotection Research Peoria, IL	Development of the technology for producing and application of biocontrol agent effective against Fusarium ear scab of wheat and other cereals	4/1/2002	Completed
211 (ARS# 218)	1771p	All Russian Research Institute of Phytopathology	Matveeva, E.		Schaad, Norman	Foreign Disease-Weed Science Research Fort Detrick, MD	Creation and preservation of the genofond of the Russian phytopathogenic bacterium population	3/1/2001	Completed
237 (ARS# 244)	2682p	All Russian Research Institute of Phytopathology	Aver'yanov, A.		Baker, C.J.	Molecular Plant Pathology Laboratory Beltsville, MD	Prooxidant/Antioxidant State of Infective Drop as Related to Plant Disease Resistance	7/1/2003	Completed
259 (ARS# 268)	2472p	All Russian Research Institute of Phytopathology	Sanin, S. & Ibragimov, T.	All Russian Institute for Plant Protection Russian Research Institute of Biological Plant Protection	Chen, Xianming	Wheat Genetics, Quality Physiology and Disease Research Pullman, WA	Determination of epidemiological factors and control of fungal disease complex on cereal crops in Russia using biotechnology and information technology	8/1/2002	Completed
363 (ARS# 374)	3215p	All Russian Research Institute of Phytopathology	Kvasnyuk, N.		Deahl, Kenneth	Vegetable Laboratory Beltsville, MD	Study of sources of initial infection of potato by Phytophthora infestans for the purpose of improving the method of forecasting disease appearance in conditions of sexual and asexual development of pathogen	7/1/2005	Completed
437 (ARS# 448)	3052p	All Russian Research Institute of Phytopathology	Shcherbakova, Larisa		Fravel, Deborah	Vegetable Laboratory Beltsville, MD	The Role of Metabolites from Non-Pathogenic Fusarium isolates in Biocontrol and Pathogenesis of Cereal Root Rots and Fusarium Wilt of Tomato	9/1/2004	Completed

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461 (ARS# 473)	3352	All Russian Research Institute of Phytopathology	E. Kovalenko	Agricultural Research Institute of Non-Chernozem Zone	Harold E. Bockelman	National Small Grains Collection Aberdeen, Idaho	Creation of germplasm of wheat donors and sources resistant to several harmful pathogens	1/1/2006	Funded
462 (ARS# 474)	3431	All Russian Research Institute of Phytopathology	Alexander Ignatov		Doug Luster (formerly Norman Schaad)	ARS Foreign Disease-Weed Science Research Fort Detrick, MD	Collection, identification, characterization, and preservation of Russian population of phytopathogenic bacteria	6/1/2006	Funded
464 (ARS# 477)	3681	All Russian Research Institute of Phytopathology	Sergey Sanin		Steve Goodwin	Crop Production and Pest Control Research West Lafayette, IN	Septorioses of Cereals in Russia (Population Structure, Epidemiology, Control)	5/1/2007	Funded
476 (ARS# 491)	3468	All Russian Research Institute of Phytopathology	Tatyana Kastalyeva		Robert Owens & Ing-Ming Lee	Molecular Plant Pathology Laboratory Beltsville, MD	Viroid and Phytoplasma Diseases Affecting Potato Production in Russia	6/1/2006	Funded
489 (ARS# 504)	3978	All Russian Research Institute of Phytopathology	V. Dzhevakhia		Doug Luster (Formerly Norman Schaad)	Foreign Disease-Weed Science Ft. Detrick, MD	Establishment of a molecular diagnostics lab in the Russian Research Institute of Phytopathology for disease diagnosis and identification of fungal, bacterial and viral germplasm in the State collection	8/1/2009	Funded
494 (ARS# 509)	3745	All Russian Research Institute of Phytopathology	Larisa Shcherbakova and Radii Khomutov		Bruce Campbell	WRRC Albany, CA	Reducing fungal infection and mycotoxin biosynthesis using new, safe approaches that target polyketide synthase and antioxidative stress-response systems.	7/1/2007	Funded
499 (ARS# 515)	3721	All Russian Research Institute of Phytopathology	Galina Petelina		Dave Chitwood & Zafar Handoo	Nematology Laboratory Beltsville, MD	The identification of plant-parasitic nematodes from the National Russian Collection of Nematodes by molecular methods, including the creation of a database of molecular, morphological and other properties	5/1/2007	Funded

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585 (ARS# 608)	4070	All Russian Research Institute of Phytopathology	Daria Vladimirovna Shumilina	All Russ. Res. Inst. of Vegetable Breeding and Seed Production	Daniel Roberts	Sustainable Agricultural Systems Laboratory Beltsville, MD	Search for novel microbial strains effective as biocontrol agents from extreme environments and their use in strain combinations for improved biocontrol performance	8/1/2010	Funded
586 (ARS# 609)	4071	All Russian Research Institute of Phytopathology	Andrey A. Aver'yanov		C. Jacyn Baker	Molecular Plant Pathology Lab Beltsville, MD	Redox mechanisms of systemic acquired resistance of plants to infective diseases	8/1/2010	Funded
666	2685	All Russian Research Institute of Phytopathology	Valery Pavlovitch Dubovoy		(1) Kenneth Deahl and Richard Jones, (2) Nik Grunwald, (3) Corby Kistler, and (4) James Kolmer	Beltsville, MD	Upgrade of the Security and Safety Systems to protect Biological Material at the All-Russian Research Institute of Phytopathology (VNIIF) RAAS (Russian Academy of Agricultural Science)	1/21/2011	Funded
60 (ARS# 63)	1839p	State Research Center for Applied Microbiology	Biketov, Sergei F. & Zaberezhny, A.	NARVAC Research & Development, Ivanovsky Virology Institute	Lager, Kelly (was William Mengeling who retired)	Virus and Prion Diseases of Livestock Research Unit Ames, IA	Development of a new recombinant marked attenuated vaccine against porcine reproductive and respiratory syndrome	6/1/2000	Completed
119 (ARS# 123)	2332p	State Research Center for Applied Microbiology	Koretskaya, Nina G.		Martin, Phyllis	Insect Biocontrol Laboratory Beltsville, MD	Protein engineering of Bacillus thuringiensis insecticidal proteins	4/1/2002	Completed
125 (ARS# 129)	2338p	State Research Center for Applied Microbiology	Likhovidov, Vladimir E.		Humber, Richard & Gibson, Donna	Plant Protection Research Ithaca, NY	Studies and evaluation of entomopathogenic fungi as new biopesticides producers	4/1/2002	Completed

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417 (ARS# 428)	3107p	State Research Center for Applied Microbiology	Dunaistev, Igor		Scagel, Carolyn	Horticultural Crops Research Corvallis, OR	Direct microbiological mobilization of phosphates from phosphate ore materials: application of agriculture and industry needs	3/1/2005	Completed
54 (ARS# 57)	1720p	State Research Center for Applied Microbiology and Biotechnology	Svetoch, Edward A.		Stern, Norman	Poultry Microbiological Safety Research Athens, GA	Microbial antagonists and Lysing Phages to be used for control campylobacter colonization in broiler chickens	4/1/2000	Completed
394 (ARS# 405)	3108p	State Research Center for Applied Microbiology and Biotechnology	Zhilentov, E. L., Svetoch, E.		Bruce Seal (formerly Siragusa, Gregory)	Poultry Microbiological Safety Research Athens, GA	Isolation, characterization and application of lytic bacteriophage (or other microbial antagonists) against Clostridium perfringens associated with necrotic enteritis in poultry production to reduce human foodborne C. perfringens disease.	2/1/2005	Completed
484 (ARS# 499)	3571	State Research Center for Applied Microbiology and Biotechnology	Igor V. Abaev		David Donovan	Animal Biosciences and Biotechnology Lab Beltsville, MD	Isolation and Characterization of Novel Antimicrobials Against Staphylococcus aureus: bacteriophage endolysins	12/1/2006	Completed
507 (ARS# 524)	3445	State Research Center for Applied Microbiology and Biotechnology	Edward Svetoch		Bruce Seal and Eric Line	Poultry Microbiological Safety Research Unit Athens, GA	Bacteriocin production and field trials for treating Campylobacter jejuni and Salmonella spp. in Broilers	7/1/2006	Completed
261 (ARS# 270)	2625p	Saint Petersburg State University, Geography and Geocology Faculty	A. Afonin, A. Frolov & N. Dzyubenko	All Russian Institute for Plant Protection N.I. Vavilov All Russian Institute for Plant Industry	Stephanie Greene	Plant Germplasm Introduction and Testing Research Prosser, WA	Development of a GIS-based interactive agricultural atlas to promote food security in the former Soviet Union	1/1/2003	Completed

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213 (ARS# 220)	1975.2p	Research Center of Toxicology and Hygienic Regimentation of Biopreparations	Denisov, A.		Stern, Norman	Poultry Microbiological Safety Research Athens, GA	Development of Lactobacillus spp. Synthesizing Tumor Necrosis Factor – β to Control Enteropathogens in Farm Animals	10/1/2002	Completed
277 (ARS# 286)	1976p	Research Center of Toxicology and Hygienic Regimentation of Biopreparations	Onatsky, N.	FGUP - GosNII Genetika	Oppert, Brenda & Martin, Phyllis	(1) Biological Research (2) Insect Biocontrol Lab (1) Manhattan, KS (2) Beltsville, MD	New generation insecticidal preparation of extended host range on the basis of Bacillus thuringiensis	9/1/2002	Completed
29 (ARS# 29)	1883p	State Research Center for Virology and Biotechnology	Voevoda, Mikhail & Romashchenko, A.	Institute of Cytology & Genetics SD RAS	Laegreid, Will	Animal Health Research Clay Center, NE	Evaluation of the effects of allelic variation of bovine cytokine and other related genes on susceptibility to chronic infectious diseases	10/1/2000	Completed
70 (ARS# 73)	1881p	State Research Center for Virology and Biotechnology	Blinov, Vladimir M. & Konstantinovich, L.	Siberian Institute of Plant Physiology & Biochemistry	Swayne, David & Suarez, David	Southeast Poultry Research Laboratory Athens, GA	Search for, isolation and characterization of avian influenza viruses on birds in their natural habitats and stopover areas in Western Siberia and Kyrgystan during migration to South China	10/1/2000	Completed
153 (ARS# 159)	2176p	State Research Center for Virology and Biotechnology	Shchelkunov, S. & N. Rekoslavskaya		Rosemarie Hammond	Molecular Plant Pathology Laboratory Beltsville, MD	Development of edible vaccines using transgenic plants	10/1/2001	Completed
448 (ARS# 460)	3329	All Russian Institute for Plant Protection	Tatiana Gavrilenko	N.I. Vavilov All Russian Institute for Plant Industry	David Spooner	Vegetable Crops Research Unit Madison, Wisconsin	Genome evolution and potato taxonomy studied by in-situ hybridization and characterization of the Russian National Collection of Cultivated Potato Species by microsatellites and morphology.	2/1/2006	Funded